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21186

7590

05/05/2004

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
 P.O. BOX 2938  
 MINNEAPOLIS, MN 55402



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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Chris Hammond (Depositor's name)  
 Chris Hammond (Signature)  
 August 5, 2004 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/431,477	11/01/1999	KIRAN GANESH	884.141US1	8764

TITLE OF INVENTION: 2-DIMENSIONAL PLACEMENT WITH RELIABILITY CONSTRAINTS FOR VLSI DESIGN

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	08/05/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
KIK, PHALLAKA	2825	716-009000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- 1 **Schwegman, Lundberg,**  
 2 **Woessner & Kluth, P.A.**  
 3

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Intel Corporation

Santa Clara, California

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

☒ Issue Fee☐ Publication Fee☒ Advance Order - # of Copies 1☒ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 19-0743 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

*Ann M. McCaughy* Aug. 5, 2004

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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08/09/2004 BSATAS12 00000042 09431477

01 FC:1501  
 02 FC:8001

1330.00 OP  
 3.00 OP

TRANSMIT THIS FORM WITH FEE(S)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kiran Ganesh et al.

Title: 2-DIMENSIONAL PLACEMENT WITH RELIABILITY CONSTRAINTS FOR VLSI DESIGN

Docket No.: 884.141US1

Filed: November 1, 1999

Examiner: Phallaka Kik

Customer No.: 21186

Serial No.: 09/431,477

Due Date: August 5, 2004

Group Art Unit: 2825

Confirmation No.: 8764

Commissioner for Patents

Attn: MAIL STOP ISSUE FEE

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Alexandria, VA 22313-1450

**Notice of Allowance Date:**

May 5, 2004

We are transmitting herewith the attached:

☒ A check in the amount \$ 1330.00 to cover the Large Entity Issue Fee Payment.

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☒ Issue Fee Transmittal (Form PTOL-85).

☒ A return postcard.

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SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number: 21186

By

Ann M. McCrackin

Ann M. McCrackin

Reg. No. 42,858

AMM1:CMG:clh

**CERTIFICATE UNDER 37 CFR 1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Attn – MAIL STOP ISSUE FEE, P.O. Box 1450, Alexandria, VA 22313-1450, on this 5 day of August, 2004.

Chris Hammond  
Name

Chris Hammond  
Signature